

AIPA 12

- Gravity **17.3 BLG**
- ABV **7.4 %**
- IBU **68**
- SRM **5.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **28.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.2 liter(s)**
- Total mash volume **29.6 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **22.2 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **5 min** at **76C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **28.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|---------------|-------|-----|
| Grain | Weyermann - Pale Ale | 6 kg (81.1%) | 81 % | 6 |
| Grain | Weyermann - Pszeniczny | 1 kg (13.5%) | 80 % | 5 |
| Grain | Weyermann - Carapils | 0.4 kg (5.4%) | 75 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|-------------------------|--------|----------|------------|
| Boil | Citra (USA) | 25 g | 15 min | 12.5 % |
| Boil | Idaho 7 (USA) | 30 g | 15 min | 12.1 % |
| Boil | Falconer's Flight (USA) | 30 g | 15 min | 10.3 % |
| Whirlpool | Citra (USA) | 25 g | 20 min | 12.5 % |
| Whirlpool | Idaho 7 (USA) | 30 g | 20 min | 12.1 % |
| Whirlpool | Falconer's Flight (USA) | 30 g | 20 min | 10.3 % |
| Dry Hop | Citra (USA) | 40 g | 4 day(s) | 12.5 % |
| Dry Hop | Idaho 7 (USA) | 30 g | 4 day(s) | 12.1 % |

Chmiel na zimno 2 dni w temperaturze ok. 20*C,dwa dni CC

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---|------|-------|--------|------------|
| WLP066 - London Fog | Ale | Slant | 300 ml | White Labs |
| GĘSTWA 48H LUŻNA FERMENTACJA W 24°C- 15 PSI | | | | |

Notes

- Woda RO modyfikowana do wartości w PPM
Ca-75
Mg-5
Na-10
Cl-50
S04-150
HCO3-0
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